

**ABSTRACT OF THE DISCLOSURE**

An inkjet recording apparatus is provided with a recording head to conduct recording by jetting an ink onto a recording medium having an ink receiving layer containing thermoplastic resin particles on a surface thereof and a pigment ink solvent absorbing layer adjoining to an inner side of the ink receiving layer; a heating and pressing device to heat and press the recording medium so as to make the ink receiving layer of the recording medium to be transparent; a conveyor to convey the recording medium to the recording head and further to the heating and pressing device; and a temperature controller to control a heating temperature by the heating and pressing device within a range of  $T_0 \pm \Delta T$  °C, where  $T_0$  is 50 to 150 °C and  $\Delta T$  is not larger than 10 °C.